

Name of Teaching Staff : Prof.(Mrs.) Aruna U. Gawde

Designation : Assistant Professor

Department : Computer Engineering

Date of Joining the Institution : 19.8.2004



Qualifications with Class/Grade : 1. M.Tech.(Comp Engg.) from MPSTME,NMIMS University,(GPA: 4).
2. B.Tech. (Information Technology) in June 2002 from SNDT University with 1st Class GPA 7.15.

Total Experience in Years : **Teaching : 12 years**
1. Assistant Professor, D.J. Sanghvi College of Engineering from 1.1.2006 till date.
2. Lecturer, D.J. Sanghvi College of Engineering from 19.8.2004 to 31.12.2005.
3. Lecturer Fr.Conceicao Rodrigues College of Engineering 01.08.2003 to 18.08.2004.
4. Lecturer, S. S. Jondhale College of Engg. from 22.10.2002 to 30.6.2003, 2.7.2003 to 30.7.2003.

Industry: --

Research: --

Papers Published : **National**: 2
1. Published paper on WPA2-The PSK Vulnerability 14-15 Oct 2011 proceeding of national conference on common technology (NCCT-2011)
2. Published Review Paper on Java – MPI with Process migration support – A Review in NCICT – 09 at MPSTME, NMIMS, Mumbai.

International: --

3. "Intelligent Network Sniffer using Data Mining", at International Journal of Computer Science and Engineering(IJCSE), ISSN 2278-9960; Vol-2, Issue-5, Nov-2013
4. "Optimization of Travelling Salesman Problem for an ERP System" , at International Journal of Computer Science and Engineering (IJCSE), ISSN 2278-9960; Vol-2, Issue-5, Nov-2013
5. "Neural Network Applications in Solar Irradiance Prediction" , at International Journal of Computer Science and Engineering (IJCSE); ISSN 2278-9960; Vol-2, Issue-5, Nov-2013
6. "Investigating the preparedness for Adaptive SCADA for efficiencies in energy utility companies" IJOART, , ISSN 2278-7763, Vol-2, Issue 5, May 2013
7. "Traffic Light Control Algorithm for Intelligent Transport System" Journal of computer science and Engineering(JCSE) (2013)
8. "Optimization of Travelling Salesman Problem for an Enterprise

Resource Planning System” , at International Journal of Computer Science and Engineering (IJCSE), ISSN 2278-9960; Vol-3, Issue-5, Sept-2014

9. “Solar Irradiation Prediction Using Neural Network”, at international Journal of Research in Engineering and Technology (IMPACT:IJRET), ISSN:2321-8843; Vol-2, Issue-7, July-2014

Papers Presented in Conferences	: <u>National:</u> 1 Presented paper on ‘Process Migration with M-Java MPI’ in the National Conference on Information & Communication Technology NCICT-2009 organized by NMIMS University, MPSTME, DJSCOE & SBMP, during 6 th – 7 th March, 2009.	
	<u>International:</u>	--
PhD Guide ? Give field & University	: <u>Field:</u> <u>University:</u>	-- --
PhDs / Projects Guided	: <u>PhDs :</u> <u>Projects at Masters level:</u>	-- --1) Mobile data offloading using cloud computing
Books Published / IPRs / Patents	:	--
Professional Memberships	:	--
Consultancy Activities	:	--
Awards	:	--
Grants fetched	:	--
Interaction with Professional Institutions	:	--